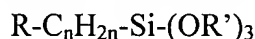


Amendments to the Claims

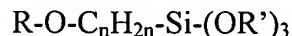
1. (Currently amended) A ceramic electronic device comprising:
a ceramic element;
an external electrode on said ceramic element, said external electrode having a plating layer provided on a surface of said external electrode; and
a water repellent protective layer on said ceramic element and ~~external electrode~~ said plating layer, said protective layer being formed through impregnating a compound into said ceramic element and external electrode and through dehydration-condensation, said compound being expressed by a formula of:



where R is an epoxy group, alkyl group, aryl group, perfluoroaryl group, or mixture thereof, n is a natural number, and R' is an alkyl group having 1 to 4 carbon atoms, hydrogen, or halogen atom, wherein at least one of R' is hydrogen.

2. (Original) A ceramic electronic device according to claim 1, wherein the ceramic element is a sintered dielectric material.

3. (Currently amended) A ceramic electronic device comprising:
a ceramic element;
an external electrode on said ceramic element, said external electrode having a plating layer provided on a surface of said external electrode; and
a water repellent protective layer on said ceramic element and ~~external electrode~~ said plating layer, said protective layer being formed through impregnating, into said ceramic element and external electrode and through dehydration-condensation, ~~said a~~ compound being expressed by a formula of:



where R is an epoxy group, alkyl group, aryl group, perfluoroaryl group, or mixture thereof, n is a natural number, and R' is an alkyl group having 1 to 4 carbon atoms, hydrogen, or halogen atom, wherein at least one of R' is hydrogen.

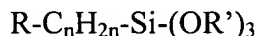
4. (Original) A ceramic electronic device according to claim 3, wherein the ceramic element is a sintered dielectric material.

5. (Currently amended) A method of manufacturing a ceramic electronic device, comprising the steps of:

providing a ceramic electronic device including a ceramic element and an external electrode on the ceramic element;

plating the external electrode;

after said step of plating the external electrode, immersing the ceramic electronic device into a solution containing a compound expressed by a formula of:



where R is an epoxy group, alkyl group, aryl group, perfluoroaryl group, or mixture thereof, n is a natural number, and R' is an alkyl group having 1 to 4 carbon atoms, hydrogen, or halogen atom, wherein at least one of R' is hydrogen; and

taking out the immersed ceramic electronic device from the solution and subjecting the ceramic electronic device to heat treatment.

6. (Original) A method according to claim 5, wherein said step of providing the ceramic electronic device includes the sub-steps of:

forming the ceramic element through stacking an internal electrode and a ceramic layer; and

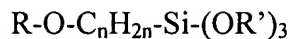
forming the external electrodes on the ceramic element, being electrically connected to the internal electrode.

7. (Currently amended) A method of manufacturing a ceramic electronic device comprising the steps of:

providing a ceramic electronic device including a ceramic element and an external electrode on the ceramic element;

plating the external electrode;

after said step of plating the external electrode, immersing the ceramic electronic device into a solution containing a compound expressed by a formula of:



where R is an epoxy group, alkyl group, aryl group, perfluoroaryl group, or mixture thereof, n is a natural number, and R' is an alkyl group having 1 to 4 carbon atoms, hydrogen, or halogen atom, wherein at least one of R' is hydrogen; and

taking out the immersed ceramic electronic device from the solution and subjecting the ceramic electronic device to heat treatment.

8. (Original) A method according to claim 7, wherein said step of providing the ceramic electronic device includes the sub-steps of:

forming the ceramic element through stacking an internal electrode and a ceramic layer; and

forming the external electrode on the ceramic element, being electrically connected to the internal electrode.